

Notice of Allowability

Application No.

10/026,553

Examiner

Nabil M. El-Hady

Applicant(s)

GEHRING ET AL.

Art Unit

2152

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 9/16/2005.
2. ☒ The allowed claim(s) is/are 1-24, and 26-28, now as 1-27.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

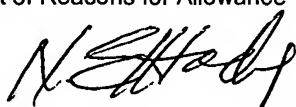
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date 12/11/2005.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


Nabil El-Hady, Ph.D., M.B.A.
Primary Examiner
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EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Natalya Dvorson, Reg. No. 56,616 on November 20, 2005.

2. The application has been amended as follows:

In the claims:

I. In claim 1:

a) line 10, delete "and";

b) line 16, replace "." with – ,

wherein the asynchronous transmission channel comprises a forward channel forwarding data from the local data processing device to the remote data processing device and a reverse channel forwarding the data from the remote data processing device to the local data processing device, wherein the forward channel and the reverse channel are not synchronized with each other. –

II. In claim 9:

a) line 2, replace "predefined parameters" with – user-specified parameter --;

b) line 3, replace "predefined parameters" with – user-specified parameter --.

III. In claim 11:

a) line 16, replace "." with – ,

wherein the asynchronous transmission channel comprises a forward channel forwarding data from the local data processing device to the remote data processing device and a reverse channel forwarding the data from the remote data processing device to the local data processing device, wherein the forward channel and the reverse channel are not synchronized with each other. –

IV. In claim 12:

a) line 2, after "parameter" in two locations, insert – user-specified – .

V. In claim 16:

a) line 2, replace "parameters" with –user-specified parameter --;

b) line 3, replace "parameters" with –user-specified parameter --.

VI. In claim 18:

a) line 13, replace "." with – ,

wherein the asynchronous transmission channel comprises a forward channel forwarding data from the local data processing device to the remote data processing device and a reverse channel forwarding the data from the remote data processing device to the local data processing device, wherein the forward channel and the reverse channel are not synchronized with each other. –

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VII. Cancel claim 25.

VIII. In claim 26:

a) line 1, replace "claim 25" with – claim 1 --.

3. The following is an examiner's statement of reasons for allowance: None of the prior art in record taken alone or in combination discloses all the combined limitations including a system for transmitting data between a local data processing device and a remote data processing device through an asynchronous transmission channel for use with distributed objects in the field of automation technology, said system comprising: a memory assigned to the local data processing device for storing at least one user-specified parameter to identify a call sent by a first program of the local data processing device to a second program of the remote data processing device to solicit data from the second program of the remote data processing device; means for integrating the user-specified parameter into response data sent by the remote data processing device to the local data processing device; means for identifying the user-specified parameter in the response data; and means for synchronizing the response data such that by identifying the user-specified parameter in the response data, the response data of the second program of the remote data processing device is integrated into the first program of the local data processing device; and an asynchronous transmission channel transmitting data between the local data processing device and the remote data processing device, wherein the asynchronous transmission channel comprises a forward channel forwarding data from the local data processing device to the remote data processing device and a reverse channel forwarding the data from the remote data processing device to the local data processing device, wherein the forward channel and the reverse channel are not synchronized with each other.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

4. Pursuant to MPEP 606.01, the title has been changed to read:

-- SYNCHRONIZATION OF APPLICATIONS IN DISTRIBUTED SYSTEMS USING
AN ASYNCHRONOUS COMMUNICATION CHANNEL --.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nabil M. El-Hady whose telephone number is (571) 272-3963. The examiner can normally be reached on 9:00 - 4:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bunjob Jaroenchonwanit can be reached on (571) 272-3913. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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A handwritten signature in black ink, appearing to read "N. El-Hady". The signature is stylized with a large, sweeping "N" and a long, horizontal stroke extending to the right.

Nabil El-Hady, Ph.D. / M.B.A.
Primary Patent Examiner
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